

# **AQUEOUS NANOPARTICLE DISPERSION**

**Publication number:** JP2004027226 (A)

**Publication date:** 2004-01-29

**Inventor(s):** AMICK DAVID RICHARD; GORE ROBERT HOWARD; LORAH DENNIS PAUL; NEELY JAMES WATSON \*

**Applicant(s):** ROHM & HAAS \*

**Classification:**

**- international:** C09K3/00; A01N25/10; A01N25/24; A61K8/81; A61Q3/02; B08B17/06; B32B27/06; B32B27/08; C04B24/26; C04B40/00; C04B41/48; C04B41/63; C08F2/04; C08F6/06; C08F8/44; C08F257/02; C08F265/04; C08F265/06; C08F285/00; C08F291/00; C08J3/07; C08L27/06; C08L33/06; C08L51/00; C08L67/02; C08L77/02; C08L77/06; C09B63/00; C09B67/08; C09D5/03; C09D5/14; C09D7/00; C09D7/12; C09D11/10; C09D17/00; C09D133/06; C09D151/00; C09J5/00; C08J5/06; C08J7/02; C09J11/08; C09J133/06; C09J151/00; C11D3/37; C08L33/12; C08L69/00; C08L77/00; C09K3/00; A01N25/10; A01N25/24; A61K8/72; A61Q3/02; B08B17/00; B32B27/00; B32B27/08; C04B24/00; C04B40/00; C04B41/45; C04B41/60; C08F2/04; C08F6/00; C08F8/00; C08F257/00; C08F265/00; C08F285/00; C08F291/00; C08J3/02; C08L27/00; C08L33/00; C08L51/00; C08L67/00; C08L77/00; C09B63/00; C09B67/00; C09D5/03; C09D5/14; C09D7/00; C09D7/12; C09D11/10; C09D17/00; C09D133/06; C09D151/00; C09J5/00; C09J5/06; C09J7/02; C09J11/00; C09J133/06; C09J151/00; C11D3/37; C08L69/00; (IPC-1-7): C08F6/06; C09K3/00

**- European:** A01N25/10; A01N25/24; A61K8/81K4; A61Q3/02; B08B17/06; B32B27/00; B32B27/06; C04B24/26K; C04B40/00D4; C04B41/48K; C04B41/63; C08F8/44; C08F257/02; C08F265/04; C08F265/06; C08F265/06; C08F291/00; C08F291/00; C08J3/07; C08L27/06; C08L33/06; C08L51/00B; C08L51/00B; C08L51/00B; C08L67/02; C08L67/02; C08L77/02; C08L77/06; C08L51/00B; C08L51/00B; C08B67/06B48; C09D5/03F; C09D5/14; C09D7/00D; C09D7/12M; C09D11/10B; C09D17/00; C09D17/00D; C09D133/06; C09D151/00B; C09D151/00B; C09D151/00B; C09J5/00; C09J5/06; C09J7/02D; C09J7/02F; C09J7/02F2D; C09J11/08; C09J133/06; C09J151/00B; C11D3/37B12; C11D3/37C9F; Y01N2/00; Y01N8/00

**Application number:** JP20030168857 Y0030613




**Priority number(s):** US20020389043P 20020614

## **Abstract of JP 2004027226 (A)**

PROBLEM TO BE SOLVED: To provide an aqueous nanoparticle dispersion useful for water-based industrial and consumer products such as a latex coating. ; SOLUTION: The new water-based PNP (crosslinked polymer nanoparticle) dispersion is provided. The water-base PNP dispersion is prepared from a solvent-based PNP having 1-50 nm particle diameter. An associative thickener composition is based on the PNP having, on the average, at least two hydrophobic groups extending from the surface of the PNP. ; COPYRIGHT: (C)2004, JPO

.....  
Data supplied from the **espacenet** database — Worldwide

**Also published as:**

 EP1371667 (A1)  
 ZA200304540 (A)  
 ZA200304541 (A)